

### **ABSTRACT**

A fan system is described for cooling a heat dissipating component within an electronic system. The fan system includes a fan that is controllable to a desired operating speed and operatively connected to the heat dissipating component. The fan system further includes a fan manager that determines an operating parameter indicative of the heat dissipated by the heat dissipating component, calculates a control signal indicative of the desired speed of the fan based upon the value of the operating parameter, and communicates the control signal to the fan to control its speed.

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